

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) An acid end-capped, linear inherently electrostatic dissipating block copolymer (acid end-capped IDP) composition comprising:
 - (A) from about 95 to about 99.99 weight percent of a linear inherently electrostatic dissipating block copolymer (IDP) comprised of:
 - (i) from about 5 to about 85 weight percent of a soft segment of a linear polyalkylene glycol;
and
 - (ii) from about 15 to about 95 weight percent of a hard segment, wherein the hard segment is derived from a linear polymer having a glass transition temperature or crystalline melting temperature greater than ambient temperature and being reactive with a hydroxyl functionality,
wherein the weight percents of the soft segment and the hard segment are based on the total weight of components (i) and (ii); and
 - (B) end-capped with from about 0.01 to about 5 weight percent of an acid end-capping reagent selected from the group consisting of a cyclic anhydride; and a multifunctional acid selected from the group consisting of terephthalic acid, isophthalic acid, and adipic acid; ~~an ester of a multifunctional acid; a multifunctional acid chloride; and an ester of a multifunctional acid chloride;~~
wherein the weight percents of the IDP and the acid end-capping reagent are based on the total weight of components (A) and (B).

2. (original) The acid end-capped IDP composition of claim 1 wherein the IDP is end-capped with from about 0.1 to about 5 weight percent of the end-capping reagent.

3. (original) The acid end-capped IDP composition of claim 1 wherein the IDP is end-capped with from about 0.3 to about 3 weight percent of the end-capping reagent.

4. (original) The acid end-capped IDP composition of claim 1 wherein the IDP is selected from the group consisting of a linear polyetherester, a linear polyetherurethane, and a linear polyetheresteramide.

5. (original) The acid end-capped IDP composition of claim 1 wherein the soft segment comprises from about 30 to about 65 weight percent and the hard segment comprises from about 35 to about 70 weight percent of the total weight of the IDP.

6. (original) The acid end-capped IDP composition of claim 1 wherein the polyalkylene glycol is selected from the group consisting of polyethylene glycol, polypropylene glycol, polytetramethylene glycol, and polybutylene glycol or copolymers.

7. (original) The acid end-capped IDP composition of claim 6 wherein the polyalkylene glycol is polyethylene glycol having a M_n molecular weight range of from about 900 to about 8000 grams per mole.

8. (original) The acid end-capped IDP composition of claim 7 wherein the polyalkylene glycol is polyethylene glycol having a M_n molecular weight range of from about 1000 to about 3400 grams per mole.

9. (original) The acid end-capped IDP composition of claim 8 wherein polyethylene glycol has a M_n molecular weight of about 2000 grams per mole.

10. (original) The acid end-capped IDP composition of claim 1 wherein the polymer of the hard segment is a linear polyester.

11. (withdrawn) The acid end-capped IDP composition of claim 1 wherein the polymer of the hard segment is a linear polyurethane.

12. (withdrawn) The acid end-capped IDP composition of claim 1 wherein the polymer of the hard segment is a linear polyamide.

13. (withdrawn) The acid end-capped IDP composition of claim 1 wherein the polymer of the hard segment is a linear polycarbonate.

14. (canceled)

15. (previously presented) The acid end-capped IDP composition of claim 1 wherein the acid end-capping reagent is a cyclic anhydride.

16. (canceled)

17. (previously presented) The acid end-capped IDP composition of claim 1 wherein the acid end-capping reagent is selected from the group consisting of phthalic anhydride, terephthalic acid, isophthalic acid and adipic acid.

18. (original) An alloy comprising the acid end-capped IDP composition of claim 1 and a thermoplastic base material.

19. (original) The alloy of claim 18 comprising about 10 to about 50 weight percent of the acid end-capped IDP composition and about 50 to about 90 weight percent of the thermoplastic base material.

20. (original) The alloy of claim 19 comprising about 25 to about 35 weight percent of the acid end-capped IDP composition and about 65 to about 75 weight percent of the thermoplastic base material.

21. (original) The alloy of claim 18 wherein the thermoplastic base material is selected from the group consisting of polyvinyl chloride; copolymers of vinyl chloride; chlorinated polyvinyl chloride; copolymers of styrene and acrylonitrile; terpolymers of

styrene, acrylonitrile, and diene rubber; copolymers of styrene and acrylonitrile modified with an acrylate elastomer; copolymers of styrene and acrylonitrile modified with ethylene propylene diene monomer rubber; polystyrenes; rubber modified impact polystyrenes; polyamides; polycarbonates; polyesters; polyetherester block copolymers; polyetheramide block copolymers; polyetherurethane block copolymers; polyurethanes; polyphenylene oxide; polyacetals; cellulosics; acrylics; and polyolefins.

22. (original) The alloy of claim 21 wherein the polyester is selected from a polybutylene terephthalate, a polyethylene terephthalate, and a polyethylene-co-1,4-cyclohexylenedimethylene terephthalate.

Claims 23-42 (canceled)